San Franc°. 7mo. 31. 1853.

Dr. Gray.

Respected friend, I sent thee a few weeks ago, a number of specimens for naming, a list of which with some mem. is now enclosed. There were also a few specimens of plants desired by thee, & a species of Lupinus, to me doubtful. There is no description in T. & G. which fits it. From the recent plant I have made the following notes: Stem & leaves silky pubescent. Leaves nearly smooth above - 7 to 10, rarely 11, mostly 9, leaflets, mucronulate, Leaflets cuneate obovate (narrow), canaliculate, somewhat fleshy - 1¼ - 1½ in. long & 3/16 wide - Petioles rather shorter than leaves. Stipules ⅓ - ½ in. long - linear subulate - ciliate below ~~with long hairs.~~

Flowers in whorls, sometimes irregularly so, 5/8 in long - peduncles ⅜ in. - equal to calyx. Calyx lips entire, or upper sometimes minutely 2 toothed - narrower than lower - minutely or obsolately bractiate. Keel slightly ciliate. Base of wings marked with black lines.

Bracts longer than flower buds - colored (yellow). Legumes 10 seeded or more. Seeds long kidney shaped - black. This is among the most common species, & is the tallest that I have seen - growing shrubby, 4 to 8 ft. or higher, & bearing a fully grown of showy blooms. The flowers are yellow, sulphur color, & very fragrant. It continues longer in bloom than the other species, viz. from Ap. to Aug. Grows in various soils.

I have mem. of some other species of Lupinus, differing from the descriptions,

which I will forward to them if they will be of any use.

Yours truly

J. Gibbons

Asa Gray